



UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE
United States Patent and Trademark Office
Address: COMMISSIONER FOR PATENTS
P.O. Box 1450
Alexandria, Virginia 22313-1450
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/730,110	12/09/2003	Takeshi Morikawa	032567-020	5434
21839 7590 10/06/2009 BUCHANAN, INGERSOLL & ROONEY PC POST OFFICE BOX 1404 ALEXANDRIA, VA 22313-1404				
EXAMINER				
MILLA, MARK R				
ART UNIT		PAPER NUMBER		
2625				
NOTIFICATION DATE		DELIVERY MODE		
10/06/2009		ELECTRONIC		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

Notice of the Office communication was sent electronically on above-indicated "Notification Date" to the following e-mail address(es):

ADIPFDD@bipc.com

DETAILED ACTION

Response to Amendment

1. Applicant's Amendment after Final was received on 9/14/09 but will not be entered as it fails to place the application in condition for allowance.

Response to Arguments

2. Applicant's arguments filed 9/14/09 have been fully considered but they are not persuasive.

Applicant asserts that the combination of Salgado (US 6,504,621) and Mishima (JP 11-041429) fail to disclose or suggest every feature and/or combination of features recited in the claims, particularly the use of a plurality of compression/expansion devices to process two different jobs in parallel. The examiner respectfully disagrees as the combination of Salgado and Mishima does disclose or at the very least suggest every feature and/or combination of features recited in the claims. Particularly, Salgado states that a compressor **62** is coupled with a scanner (IIT) **18** and a decompressor **64** is coupled with a printer (IOT) **20** (column 8 lines 45-49). Salgado further states that depending on the resource to be used, i.e. scanner, printer, fax, jobs are placed in different queues, each being associated with a different resource (column 10 lines 53-57). Salgado also states that a priority order can be determined for particular resource

(column 16 line 61-column 17 line 6). Thus, a scan job and a net print job can be performed simultaneously, or in parallel, because the two jobs do not use the same system resource. To explain further, the scan job would utilize the compressor **62** and the scanner **18** and the net print job would utilize the decompressor **64** and the printer **20**. Salgado discloses using job priority when two or more jobs need to use the same system resource (column 16 line 61-column 17 line 6). Mishima discloses using four compression/elongation processing sections to process input and output data. In one mode, the copy mode, two compression/elongation processing sections are used for input compression and two are used for output elongation, thereby two processes are being performed in parallel, scanning and printing. The last limitation of claim 1 is essentially a priority selection of a scanning job based on whether or not it is made from the outside. It would have been obvious to one of ordinary skill in the art to incorporate the idea of a plurality of compression/elongation processing sections that are used depending on resource to increase the throughput of jobs waiting in a queue and thereby increase the speed of the overall system. For example, it would have been obvious to alter Salgado, taking into consideration the teachings of Mishima, to have a plurality of compressors/decompressors that perform compression for scanning jobs and decompression for net print jobs based the priority of the job based on the availability of the resource to process all the jobs in a timely manner.

Therefore the rejection, as set forth in the previous Office Action, is maintained.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Mark R. Milia whose telephone number is (571)272-7408. The examiner can normally be reached M-F 8:00am-4:00pm.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, David Moore can be reached at (571) 272-7437. The fax number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

Mark R. Milia
Examiner
Art Unit 2625

/Mark R. Milia/
Examiner, Art Unit 2625

/David K Moore/
Supervisory Patent Examiner, Art Unit 2625